

# Instructional Space Project Request

2015-17 Biennium

<b><u>Agency</u></b>	<b><u>Institution</u></b>	<b><u>Building No.</u></b>	<b><u>Building Name</u></b>	
University of Wisconsin	STOUT	285-OL-0019	Applied Arts	
<b><u>Location ID</u></b>	Room 109 &110		<b><u>Scheduled Hours/Week</u></b>	40
<b><u>Project No.</u></b>	16F2B			
<b><u>Project Title</u></b>	Applied Arts 109 &110 AHU & HVAC Replacement		<b><u>Priority</u></b>	01

## **Project Request**

Select A/E to prepare a preliminary design and cost estimate working with the campus user group and then continue to 100% design and construction administration services for this project.

## **Project Intent**

This project will replace the failed AHU and replace oversized HVAC ductwork and convert the abandoned foundry lab to a much needed classroom lab.

## **Project Description**

Remove existing foundry equipment, hoods, gas piping, exhaust fans and high pressure sodium lighting. Fill in (3) pits in the floor, clean soot from ceiling and walls, and paint. Clean the concrete slab-on-grade and seal. Install ventilation ductwork, new lighting, electrical outlets, data ports and sound attenuation panels.

## **Project Justification**

AHU unit that served the lab/foundry no longer runs due to leaking heating coils. It provided a high volume of make-up air for six roof mounted exhaust fans.

The college that offered the foundry class has made a commitment to no longer offer this course. If there is a need to bring this course back there is another functioning and active foundry on campus. There are needs for more standard classroom labs in the Applied Arts Building which require a more typical level of ventilation. Replacement of the AHU and ductwork would make this space functional and useable again.

## **Project Budget**

Construction Cost:	\$	
A/E Design Fees: 8.00%	\$	
Other Fees: 0.00%	\$	
DFD Mgmt Fees: 4.00%	\$	
Contingency: 15.00%	\$	
Movable Equipment:	\$	
<b>TOTAL:</b>	<b>\$</b>	<b>695,000</b>

## **Funding Source**

General Fund Supported Borrowing	\$	695,000
Institutional Funds (GPR)	\$	0
Institutional Funds (PR)	\$	0
Gifts	\$	0
Grants	\$	0
Other	\$	0
<b>TOTAL:</b>	<b>\$</b>	<b>695,000</b>

## **Consultant Requirements**

Consultants should have specific expertise and experience in the design and coordination of classroom labs for higher education as part of a design team. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

An audio-visual consultant is required? No

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### Project Schedule

Bid Opening: 07/2017  
 Construction Start: 11/2017  
 Substantial Completion: 06/2018

### Project Contact

Contact Name: Gary Gust  
 Email: Gustga@uwstout.edu  
 Telephone: 715-232-5394

### Project Considerations

	Y	N
1. Are hazardous materials involved? If yes, what materials are involved and how will they be handled?  Required hazardous materials abatement (32) pipe fittings and (2) MFD fire doors has been included in the estimated project schedule and project budget. Comprehensive environmental survey inventory data is available on Wisconsin's Asbestos & Lead Management System (WALMS) < <a href="http://walms.doa.state.wi.us/">http://walms.doa.state.wi.us/</a> >.	X	
2. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?  The AHU and ductwork is to be replaced. They serve only this lab.	X	
3. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building, and/or within the building? If yes, to what extent?  The system will go from 100% outside air, about 11,600 CFM to the standard ventilation for 1050sqft classroom/lab. There will be a substantail savings in energy.	X	
4. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed resolution.  The space is currently off-line and available because AHU coils leak.		X
5. Will the project improve instructional laboratory space? If so, is the instructional space utilization analysis to support this request attached or included in the request?  This project will convert a no longer used foundry into a much needed classroom lab for students in the over crowded School of Art and Design program.	X	